

DATA COMPILATION

Minimum materials required:

- 1 Internet-connected computer per team (with Microsoft Excel)
- *Data Analysis Planning* handout: 1 per student

Students will need to compile their *THEMIS Image Data Gathering* table information into one team master data table in an excel spreadsheet.

- **Small Research Teams:** Each team should work together to compile the data from all the members of the research team. They should be sure not to repeat any of the same data and should make sure the data is input consistently. Those not compiling data could gather additional data or work on some of the background research they may need to work on.

Students should carefully review their final compiled master data table as a team to eliminate any inconsistencies. Here are some common errors they should be careful of:

- Repeated data
- Errors in latitude or longitude degree ranges and directions
- Errors in Image Identification numbers
- Errors in values or measurements
- Errors in units

HOMEWORK RECOMMENDATION:

1. Have students take home the *Data Analysis Planning* handout and have them list at least 3 possible graphs they could make of their data. They should think about what they included on the *MSIP Proposal Outline* and also what they did in the *Data Analysis and Practice Guide*.

Download [***The Data Analysis Planning***](#) handout.

Teacher "Homework" Recommendation: If possible, print out a copy of the compiled master data table for each member of each team for use the following day.